

1. SUBSTRATE: FUSED SILICA

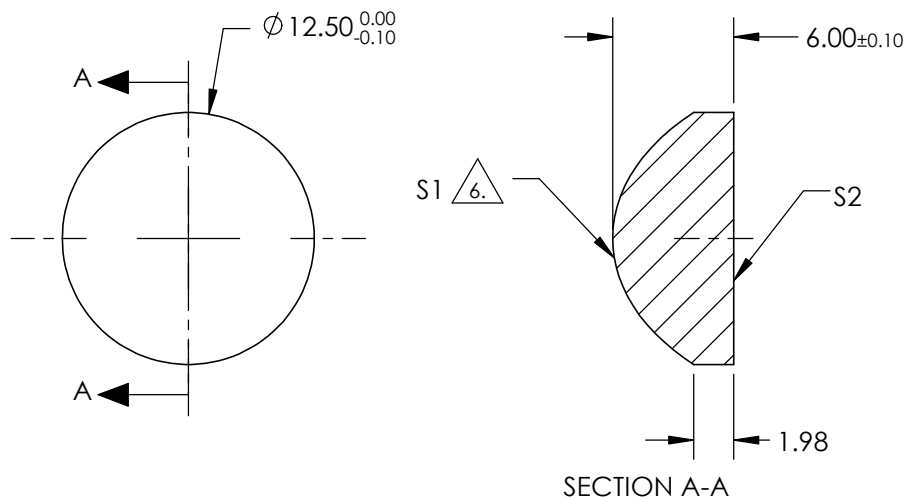
- S1: R(avg) <2.5% @ 250 - 700nm
S2: R(avg) <2.5% @ 250 - 700nm


4. CENTERING: <3-5 ARCMIN

5. ASPHERE FIGURE ERROR: 0.75 μ m RMS

6. ASPHERIC SURFACE DESCRIBED BY (REF. COEFFICIENT TABLE)

$$Z_{ASPH}(Y) = \frac{(\frac{1}{RADIUS}) * Y^2}{1 + \sqrt{1 - (1+k) * (\frac{1}{RADIUS})^2 * Y^2}} + D * Y^2 + E * Y^4 + F * Y^6 + G * Y^8 + H * Y^{10} + J * Y^{12} + L * Y^{14}$$



COEFFIECIANT TABLE 	
COEFFIECIANT	S1
K	-0.6549125
D	0
E	7.4010372e-005
F	5.564215e-007
G	6.8648873e-009
H	0
J	0
L	0

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE DIMENSIONS ARE FOR REFERENCE ONLY

REV. A	S1	S2	EFL @ 587.6nm	12.5	 Edmund Optics®	
SHAPE	CONVEX	PLANO	BFL @ 587.6nm	8.39		
RADIUS	5.731	INFINITY			TITLE	12.5mm DIA 0.50 NA UV-VIS COATED, UV FUSED SILICA ASPHERIC LENS
SURFACE QUALITY	60-40	60-40				
CLEAR APERTURE	90%	90%			DWG NO	87984
BEVEL MAX	PROTECTIVE AS NEEDED	PROTECTIVE AS NEEDED				
			ALL DIMS IN	mm	SHEET 1 OF 1	